

Jonathan Chappelow

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

807
citations

1040056

9
h-index

1372567

10
g-index

19
all docs

19
docs citations

19
times ranked

1169
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurobiological Substrates of Dread. <i>Science</i> , 2006, 312, 754-758.	12.6	230
2	Human striatal activation reflects degree of stimulus saliency. <i>NeuroImage</i> , 2006, 29, 977-983.	4.2	181
3	Elastic registration of multimodal prostate MRI and histology via multiattribute combined mutual information. <i>Medical Physics</i> , 2011, 38, 2005-2018.	3.0	100
4	Nonlinear neurobiological probability weighting functions for aversive outcomes. <i>NeuroImage</i> , 2008, 39, 2047-2057.	4.2	71
5	Determining histology-MRI slice correspondences for defining MRI-based disease signatures of prostate cancer. <i>Computerized Medical Imaging and Graphics</i> , 2011, 35, 568-578.	5.8	61
6	HistoStitcher®: An interactive program for accurate and rapid reconstruction of digitized whole histological sections from tissue fragments. <i>Computerized Medical Imaging and Graphics</i> , 2011, 35, 557-567.	5.8	34
7	Integrating structural and functional imaging for computer assisted detection of prostate cancer on multi-protocol in vivo 3 Tesla MRI. <i>Proceedings of SPIE</i> , 2009, 7260, 72603I.	0.8	27
8	Concurrent segmentation of the prostate on MRI and CT via linked statistical shape models for radiotherapy planning. <i>Medical Physics</i> , 2012, 39, 2214-2228.	3.0	27
9	Spatially weighted mutual information (SWMI) for registration of digitally reconstructed ex vivo whole mount histology and in vivo prostate MRI. , 2011, 2011, 6269-72.		18
10	Enhanced multi-protocol analysis via intelligent supervised embedding (EMPrAvISE): detecting prostate cancer on multi-parametric MRI. <i>Proceedings of SPIE</i> , 2011, 7963, 79630U.	0.8	16
11	Multimodal image registration of ex vivo 4 Tesla MRI with whole mount histology for prostate cancer detection. , 2007, , .		13
12	COLLINARUS: collection of image-derived non-linear attributes for registration using splines. , 2009, , .		9
13	Improving supervised classification accuracy using non-rigid multimodal image registration: detecting prostate cancer. , 2008, , .		7
14	CADOnC ⓒ: An integrated toolkit for evaluating radiation therapy related changes in the prostate using multiparametric MRI. , 2011, 2011, 2095-2098.		6
15	Multi-attribute combined mutual information (MACMI): An image registration framework for leveraging multiple data channels. , 2010, , .		4
16	An integrated framework for analyzing three-dimensional shape differences: Evaluating prostate morphometry. , 2010, , .		1
17	Computer-assisted targeted therapy (CATT) for prostate radiotherapy planning by fusion of CT and MRI. , 2010, , .		1
18	Linked statistical shape models for multi-modal segmentation: application to prostate CT-MR segmentation in radiotherapy planning. <i>Proceedings of SPIE</i> , 2011, , .	0.8	1

#	ARTICLE	IF	CITATIONS
19	Incorporating the whole-mount prostate histology reconstruction program Histostitcher into the extensible imaging platform (XIP) framework. , 2012, , .		0